

Title (en)

FULL RING INNER AIR-SEAL WITH LOCKING NUT

Title (de)

VOLLSTÄNDIGE INNENRING-LUFTDICHTUNG MIT SICHERUNGSMUTTER

Title (fr)

JOINT À AIR INTÉRIEUR ANNULAIRE COMPLET AVEC ÉCROU DE VERROUILLAGE

Publication

EP 2900933 A1 20150805 (EN)

Application

EP 13841325 A 20130925

Priority

- US 201213628298 A 20120927
- US 2013061513 W 20130925

Abstract (en)

[origin: WO2014052345A1] A vane assembly has a vane including an inner platform with a mount rail extending radially inwardly toward an engine center axis. An air seal is attached to the inner platform. The air seal has a single-piece ring extending circumferentially about the engine center axis. A ring nut secures the air seal to the inner platform. A biasing member cooperates with the ring nut and air seal to seal fore and aft locations on the vane.

IPC 8 full level

F01D 9/02 (2006.01); **B23P 15/04** (2006.01); **F01D 9/06** (2006.01); **F01D 11/00** (2006.01); **F01D 11/10** (2006.01); **F02C 7/28** (2006.01)

CPC (source: EP US)

B23P 15/04 (2013.01 - US); **F01D 11/04** (2013.01 - US); **F01D 11/10** (2013.01 - EP US); **F02C 7/28** (2013.01 - EP US); **F01D 9/065** (2013.01 - US); **F01D 11/001** (2013.01 - US); **F01D 11/005** (2013.01 - US); **F05D 2240/11** (2013.01 - EP US); **F05D 2250/191** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US); **Y10T 29/49336** (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014052345 A1 20140403; EP 2900933 A1 20150805; EP 2900933 A4 20160720; EP 2900933 B1 20180418; US 2014140827 A1 20140522; US 9327368 B2 20160503

DOCDB simple family (application)

US 2013061513 W 20130925; EP 13841325 A 20130925; US 201213628298 A 20120927